AAEON®
Industrial Computing Platform Partner

ONYX-190

With HDD

Vibration Test Report

Report NO: 07P030016

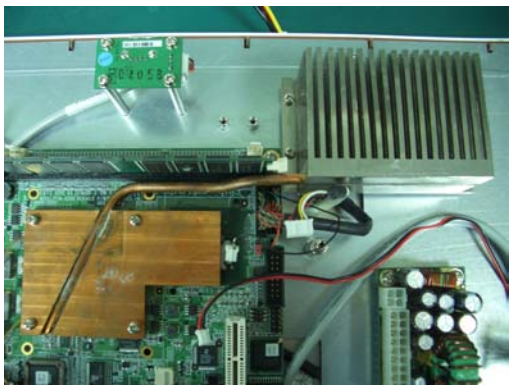
Issued by:	Rex Chang	/	*06/04/2007*
	Engineer		
Reviewed by:	Wenyuan Yang	/	*06/04/2007*
	Manager		

Test item list

Test Configuration:

Num	Item	Spec
1.	**Low Noise Medical Station**:	ONYX-190
	1.LCD	TFT LCD.19" AUO M190EN04.1.400 nits
	2.AC ADAPTER	FSP 105-AGB I/P：100~240VAC O/P:15V/7A
	3.DC/DC POWER SUPPLY	EPD-146 Rev：C
	4. Inverter	HYUNDAI 19" TFT LCD. (4LAMPS) QF132V1(A)
2.	CPU Board:	PCM-8200 Rev: A1.0
	1. Bios Ver.	ONYX-170/190 (04/05/2007)- Not For Sale
	2.CPU	Intel Pentium M Processor 1.1G
	3.Memory	DSL 1GB hynix HY5DU12822CTP-D43 (DDRII-333)
	4.I/O Board	Y010 Ver: A1.3
	5. HDD (SATA)	FUJITSU MHV2080BH / 80GB
	6.Test Software	Windows XP
	7.DVD-ROM	TEAC DV-28SL-R93

Heat-Pipe



AAEON Technology Inc.
5F, No.135, Lane 235, Pao Chiao Rd.,
Hsin-Tien City, Taipei, Taiwan, R.O.C.
TEL: +886-2-8919-1234
FAX: +886-2-8919-1056
http://www.aaeon.com.tw

Random Vibration Operation Test

Test Date: 06-04-2007

Test Product: ONYX-190

Test Site: AAEON QA Internal Lab.

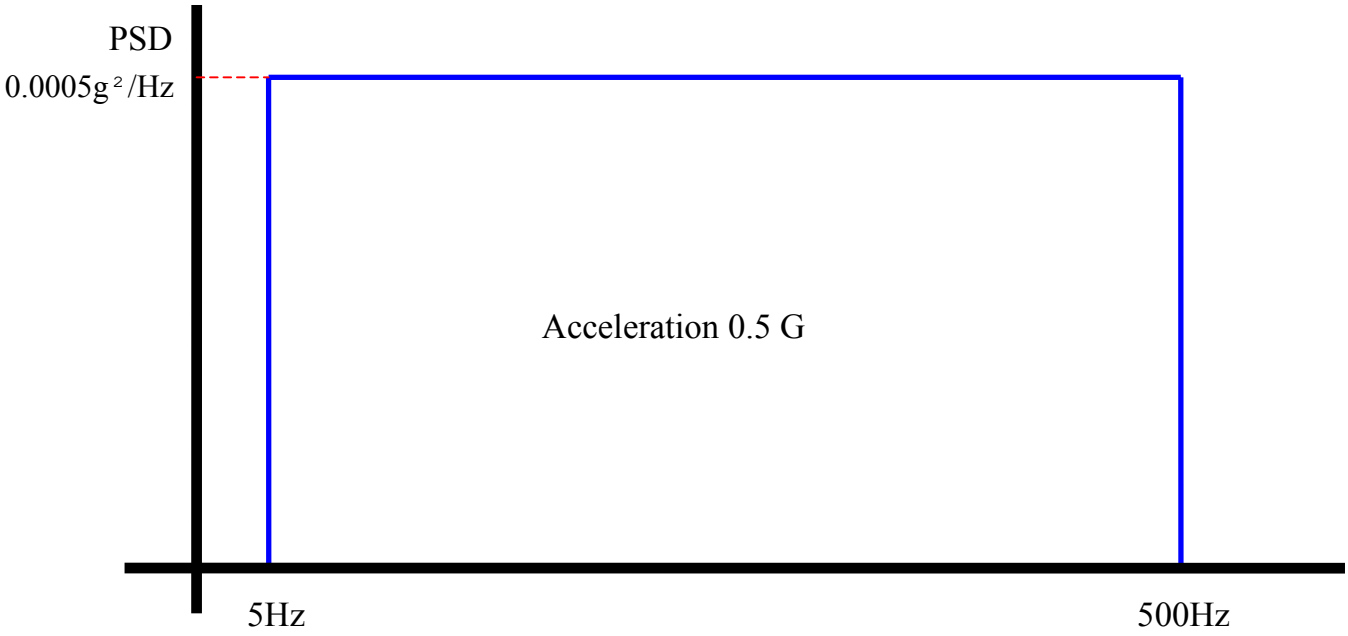
Test Standard: Reference IEC68-2-64 Testing procedures
Test Fh: Vibration boardband random test

Test Equipment:

Vibration Simulator System
KING DESIGN Co. LTD.
Model: KD 9363-EM-600F2K-40N20
Serial Number: UU110099090
Date of Calibration: 10/17/2006

Test Condition:

1. Operation
2. Test Acceleration: 0.5 G Random
3. Test Frequency: 5-500Hz
4. Test Axis: X, Y, Z axes
5. Test Time: 60min each axis
6. Test Software: Windows XP / Run one Microsoft media player simultaneously.
7. Test Vibration Curve:



Test Result:

No structure deformation was found, and function was working normally.

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